

## Plant and Animal Monitoring

### Topic: Rehabilitation

#### Background Information:

In Western Australia bauxite mining occurs in the Jarrah Forest. As part of the mine planning and approval process, flora and fauna surveys are conducted in the areas proposed for mining. Flora surveys map vegetation types and identify rare and priority species, whilst fauna surveys are conducted to determine the animal species in the area.

Once rehabilitation has taken place flora monitoring is conducted to measure the success of mine rehabilitation and it's similarity to unmined forest. Animal monitoring also takes place to determine the return of animal species to the mined area.

#### You Will Need:

- Graph paper
- Internet access
- Information Books

#### What You Need To Do:

Research the different animal and plant species that exist in the Jarrah Forest. Categorise the findings and graph the results.

#### Extension/Alternatives

Which style of graph would be most applicable to recording the information?

#### Curriculum Links:

**English:** Reading

**Society and Environment:** Place and Space, Natural and Social Systems, Resources, Active Citizenship - Ecological Sustainability

**Science:** Investigating, Life and Living

**Mathematics:** Chance and Data

**Values**

- 5. Environmental Responsibility
  - Conservation of the environment
  - Sustainable development
  - Diversity of species